

4           means for inserting into the path state setup message a source routing option that lists  
5       one or more network nodes along the selected path; and

6           means for inserting into the path state setup message one or more parameters that de-  
7       fine a selected traffic flow that is to be associated with a test message for determining a la-  
8       tency of the selected path.

*B1*  
1       19. <sup>=9</sup> (New) An apparatus as defined in claim 18 comprising:

2           means for listing each of the network nodes along the selected path in the source  
3       routing option.

1       20. <sup>=10</sup> (New) An apparatus as defined in claim 18 comprising:

2           means for rendering the path state setup message free from having a sender traffic  
3       specifier.

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**REMARKS**

This Amendment is filed in response to the Office action dated November 6, 2002.  
All objections and rejections are respectfully traversed. Reconsideration and further examination of the application, as amended, is respectfully requested.

Claims 18-20 were added to better claim the invention.

**Description of the Present Invention**

Applicants' invention is directed to a technique for accurately determining the latency of a selected path in a computer network. According to the inventive technique, a setup or signaling protocol is modified in a novel manner to establish a path reservation state at each intermediary node along the selected path. The path reservation state is associated with a given traffic flow having predefined parameters. Once the path setup process is complete, a